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› Dreo TwinCool Inverter Portable Air Conditioner User Manual

Dreo DR-HAC001

Dreo TwinCool Inverter Portable Air Conditioner User Manual

Model: DR-HAC001

Brand: Dreo

INTRODUCTION

This user manual provides detailed instructions for the safe and efficient operation of your Dreo TwinCool Inverter Portable Air Conditioner. Please read this manual thoroughly before use and retain it for future reference. The Dreo TwinCool Inverter Portable Air Conditioner (Model DR-HAC001) is designed to provide optimal comfort with its advanced cooling, dehumidifying, and fan functions. Featuring a dual-hose system and inverter technology, it offers efficient and quiet operation for rooms up to 450 sq ft.

IMPORTANT SAFETY INSTRUCTIONS

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and injury to persons.

- Read all instructions before using the appliance.
- Do not operate any appliance with a damaged cord or plug.
- Do not use the appliance near water or in wet conditions.
- Ensure the power supply matches the voltage specified on the appliance.
- Keep the appliance away from heat sources and direct sunlight.
- Unplug the appliance when not in use or before cleaning.
- Do not block air openings.
- This appliance is for indoor use only.

PRODUCT OVERVIEW

Familiarize yourself with the components of your portable air conditioner.



Image: The Dreo TwinCool Inverter Portable Air Conditioner shown with its remote control. The unit is white with a black top panel and visible air vents. The remote control displays temperature and mode settings.

Key Features:

- **Dual Hose, Double Effect:** Innovative hose-in-hose design for efficient air circulation, keeping cold air in and pushing heat out.
- **Powerful Cooling:** 12,000 BTU cooling capacity, reaching up to 28 feet, ideal for rooms up to 450 sq ft.
- **Multiple Modes:** 5 powerful modes including Cool, Fan, Humidify, Auto, and Sleep.

- **Precise Temperature Control:** Adjustable temperature from 60-86°F.
- **Quiet Operation:** Ingenious airflow and inverter technology minimize noise down to 42 dB.
- **Energy Savings:** Inverter technology and dual-hose design can save over 40% on energy costs compared to fixed-frequency single-hose units.
- **User-Friendly Controls:** All-in-one touch panel and remote control with functions like swing and 24-hour timer.

SETUP AND INSTALLATION

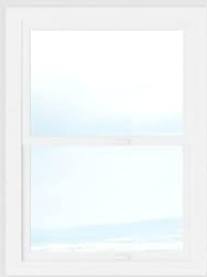
Follow these steps for proper installation of your portable air conditioner.

1. **Step 1: Check Your Window Type**

Ensure your window is compatible with the included installation kit. The unit supports both hung windows and sliding windows.

Hassle-Free Installation

Step1. Check your window type



✓ Hung Window



✓ Sliding Window

Step2. Measure your window



4" Min ~ 47" Max



4" Min ~ 47" Max

Step3. Install with the included kit



Step4. Start your cooling journey



*For more detailed install info, please refer to the user manual.

Image: A visual guide illustrating two types of windows suitable for installation: a hung window and a sliding window, both marked with checkmarks.

2. Step 2: Measure Your Window

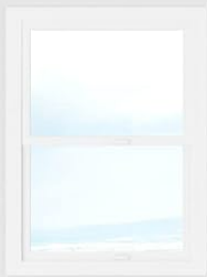
Measure the dimensions of your window to ensure it falls within the compatible range for the window kit.

Slide Window: Width 26.8"-49", Sill level height: 4"-47".

Hung Window: Length 26.8"-49", Sill level height: 4"-47".

Hassle-Free Installation

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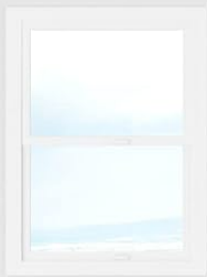
Image: A diagram indicating the minimum and maximum width and height measurements for both hung and sliding windows for proper installation of the air conditioner.

3. Step 3: Install with the Included Kit

Assemble the window panel and extension panels, then secure them in your window opening. Connect the 47-inch pre-assembled long flexible hose to the unit and the window kit.

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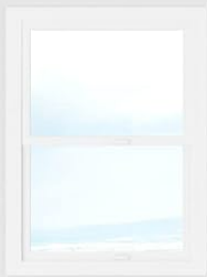
Image: An illustration demonstrating the portable air conditioner unit connected to a window using the provided installation kit, showing the hose extending from the unit to the window panel.

4. Step 4: Start Your Cooling Journey

Once installed, plug in the unit and power it on to begin cooling your space.

Hassle-Free Installation

Step1. Check your window type



✓ Hung Window



✓ Sliding Window

Step2. Measure your window



4" Min ~ 47" Max



4" Min ~ 47" Max

Step3. Install with the included kit



Step4. Start your cooling journey



*For more detailed install info, please refer to the user manual.

Image: A final illustration depicting the portable air conditioner fully installed and operating, with the hose connected to the window, ready to cool the room.

The dual hose design promotes efficient air circulation, locking cold air inside and expelling heat effectively.

Lock Cold In Keep Heat Out

Dual hose design balances air pressure so the cool is always locked inside and heat kept out.



Image: A cutaway diagram of the air conditioner's internal mechanism, highlighting the dual hose system. Blue arrows indicate cool air being circulated within the room, while orange arrows show warm air being expelled, demonstrating how the system "locks cold in and keeps heat out."

OPERATING INSTRUCTIONS

Learn how to use the various functions of your Dreo portable air conditioner.

Control Panel and Remote Control:

The unit can be operated via the touch control panel on top of the unit or the included remote control. The remote control allows operation from up to 26 feet away.

Operating Modes:

- **Cool Mode:** Provides powerful cooling with adjustable temperature settings (60-86°F).
- **Fan Mode:** Circulates air without cooling, offering multiple fan speeds.
- **Dehumidify Mode:** Removes excess moisture from the air.
- **Auto Mode:** Automatically selects the operating mode based on the ambient room temperature.
- **Sleep Mode:** Operates quietly with gradual temperature adjustments for comfortable sleep.

Additional Functions:

- **Swing Function:** Activates the automatic swing of the air outlet for wider air distribution.
- **24-Hour Timer:** Set the unit to turn on or off automatically within a 24-hour period.
- **I Sense Function:** Allows the remote control to act as a thermostat, sensing the temperature at its location for more precise cooling.
- **Memory Function:** The unit remembers your last settings when powered off and on.

Massive Cooldown

Feel cool and refreshed, like spring comes back.

12,000<sup>ASHRAE
BTU</sup>



Image: The portable air conditioner unit is shown emitting a strong blue airflow, illustrating its 12,000 ASHRAE BTU cooling capacity, designed to provide a "Massive Cooldown" for the room.

5s Instant Cooling

Dreo inverter compressor
cools faster at startup, with
efficient R32 refrigerant for a
fresher feeling.



Image: A detailed cutaway illustration of the Dreo inverter compressor, emphasizing its internal gears and components, with text indicating "5s Instant Cooling" and the use of efficient R32 refrigerant for faster and fresher cooling.

Find Peace in the Quiet

Self-regulating inverter technology, for more quiet and efficient cooling.

Noise decibel

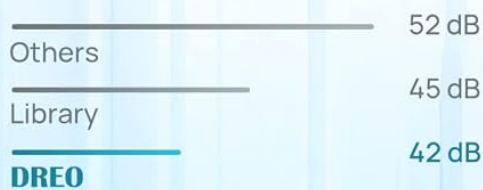


Image: A bar graph comparing noise levels, showing Dreo at 42 dB, Library at 42 dB, Others at 45 dB, and Noise decibel at 52 dB. Below the graph, a person is shown relaxing in a chair with the air conditioner operating quietly in the background, illustrating the "Find Peace in the Quiet" feature.

Smart Energy Savings

Dreo regulates its cooling according to room temp; you'll never hear loud on-off noise like non-inverters.

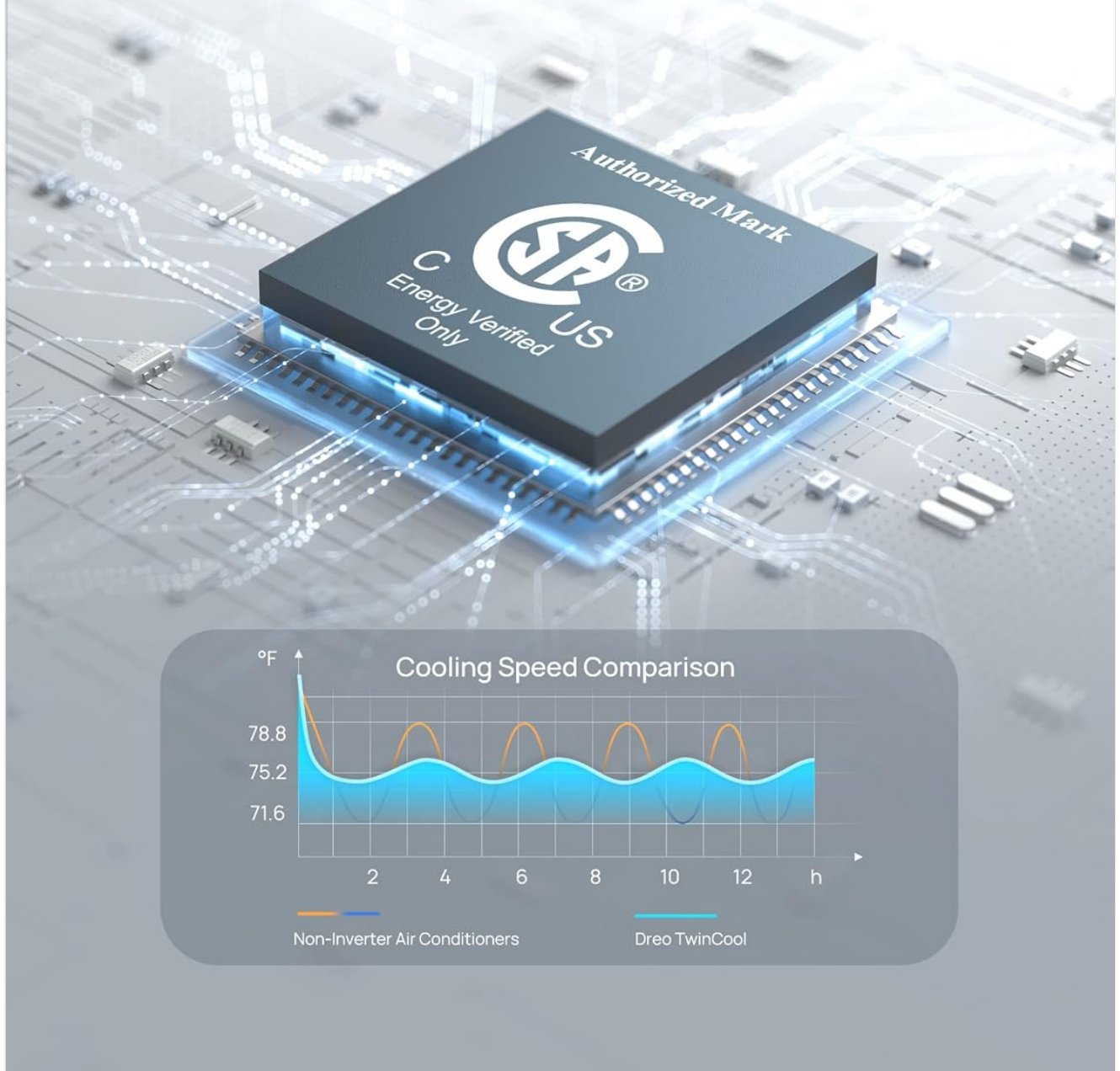


Image: A graph titled "Cooling Speed Comparison" showing temperature fluctuations over 12 hours for "Non-Inverter Air Conditioners" (orange line, more fluctuations) and "Dreo TwinCool" (blue line, more stable temperature). An illustration of a microchip with "Authorized Mark C US Energy Verified Only" is also present, highlighting "Smart Energy Savings" due to Dreo's ability to regulate cooling based on room temperature.



Up to

450 Sq Ft

Whole Room Cooling

All-in-one airflow system cools every inch of your space.

Image: An overhead view of a bedroom with the portable air conditioner placed in a corner, emitting a wide blue airflow pattern that covers the entire room, illustrating its capability for "Whole Room Cooling" up to 450 Sq Ft.

MAINTENANCE AND CARE

Regular maintenance ensures optimal performance and longevity of your air conditioner.

- **Cleaning the Air Filter:** The air filter should be cleaned every two weeks or more frequently depending on usage.
 - a. Unplug the unit from the power outlet.
 - b. Remove the air filter from the back of the unit.

- c. Wash the filter with warm, soapy water. Rinse thoroughly.
- d. Allow the filter to air dry completely before reinserting.
- **Draining Water:** In dehumidify mode or high humidity conditions, the unit may accumulate water.
 - Place a shallow pan under the drain outlet.
 - Remove the drain plug to allow water to flow out.
 - Replace the drain plug once all water has been drained.
- **Cleaning the Unit Exterior:** Wipe the exterior with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** If storing the unit for an extended period, drain all water, clean the filter, and cover the unit to protect it from dust.

TROUBLESHOOTING

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Unit does not turn on.	No power supply; Power cord not plugged in; Circuit breaker tripped.	Check power outlet; Ensure cord is securely plugged in; Reset circuit breaker.
Unit is not cooling effectively.	Air filter is dirty; Room size too large; Doors/windows open; Air intake/outlet blocked.	Clean air filter; Ensure unit is suitable for room size; Close all doors/windows; Clear obstructions.
Unit is noisy.	Unit not on a level surface; Air filter dirty; Internal components vibrating.	Place unit on a flat, stable surface; Clean air filter; Contact customer support if noise persists.
Water leakage.	Drain plug not properly sealed; Drain hose clogged.	Ensure drain plug is secure; Clear any blockages in the drain hose.

If the problem persists after attempting these solutions, please contact customer support.

SPECIFICATIONS

Feature	Detail
Product Dimensions	19.52 x 16.73 x 34.05 inches
Item Weight	83.4 pounds
Model Number	DR-HAC001
Cooling Power	12,000 British Thermal Units (BTU)
Floor Area Coverage	Up to 450 Square Feet
Voltage	110 Volts

Feature	Detail
Noise Level	50 dB (typical, can be as low as 42 dB in quiet mode)
Refrigerant	R 410A
Color	White
Included Components	Hung Window Adapter, Security Bracket, Bolts, Screws, Window Panel, Window Extension Panel, Sliding Window Adapters (Front, Rear, Air Divider), Foam Seals (Achesive & Non-Achesive), Drain Hose, Cord, Remote Control, Remote Control Batteries.

WARRANTY AND SUPPORT

Your Dreo TwinCool Inverter Portable Air Conditioner comes with a manufacturer's warranty. Please refer to the warranty card included with your product for specific terms and conditions.

For technical support, troubleshooting assistance, or warranty claims, please contact Dreo Customer Service. Contact information can typically be found on the official Dreo website or on the product packaging.